

Work Order ID 140504

140504

January 07, 2016 11:30:23 AM

Page 1

Item ID: D3574-5

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Cabin Floor Protector

Start Date: 1/7/2016 Start Qty: 1.00

Cust Item ID:

Required Date: 1/14/2016 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3574

Rev B

100

0.00

100

FLOW WATER JET

Waterjet

Memo

0.01

FLOW CNC Waterjet

1-Cut as per Dwg D3574 Dwg Rev: B Prog Rev: B 2-
Deburr if necessary

(2)

OK 16/01/11

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Memo

0.00

Quality Control

(2)

OK 16/02/11

120

QC8- Inspect parts - second check

0.00

120

QC

Memo

0.00

Quality Control

(2)

DAS
38
9-89
JAN 11 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause			FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :						
Misidentified	☐	Past Due	☐							

Work Order ID 140504

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Page 2

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Item ID: D3574-5 Accept ***N900040100*** Setup Start ***NS1***
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 Required Date: 1/14/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* Small Fab Small Fab	Small Fab Memo Deburr if necessary.	0.00 DAS 38 9-89							
140 *140* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 DAS 38 9-89							
150 *150* Packaging Packaging	Identify as per dwg & Stock Location Memo	0.00 DAS 6 9-89							

2 JAN 11 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
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Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Work Order ID 140504***140504***

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January 07, 2016 11:30:23 AM

Item ID: D3574-5 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
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Required Date: 1/14/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

MCS JAN 12 2016

MCS JAN 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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OTHER :																																																													

Picklist Print

January 07, 2016 11:30:29 AM

Page 1
1

Work Order ID: 140504

140504

Parent Item: D3574-5

D3574-5

Parent Item Name: Cabin Floor Protector

Start Date: 1/7/2016

Required Date: 1/14/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev :A New Issue 07.07.23 EC verified by:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MLEXS.125-F60029-04		Purchased			No		sf	1,595.000		25.35294			

MI FXS 125-F60029-04

GE PLASTICS LEXAN SHEET

Dr 16/01/11

Location

Loc Qty

Loc Code

MAT018

1595

m133111

1595

2552

DART AEROSPACE LTD		Work Order: 140504
Description: Cabin Floor Protector		Part Number: D3574-5
Inspection Dwg: D3574	Rev: B	Page 1 of 2

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø3.00	+0.006/-0.001	Ø3.006	/		Viper-02	
7.37	+/-0.030	7.37	/		Tap	
11.00	+/-0.030	11.00	/			
15.25	+/-0.030	15.25	/			
25.87	+/-0.030	25.87	/			
39.75	+/-0.030	39.75	/			
44.75	+/-0.030	44.75	/			
49.11	+/-0.030	49.11	/			
51.11	+/-0.030	51.11	/			
1.75	+/-0.030	1.75	/			
58.38	+/-0.030	58.38	/			
63.50	+/-0.030	63.50	/			
65.25	+/-0.030	65.25	/			
11.87	+/-0.030	11.87	/			
14.75	+/-0.030	14.75	/			
26.00	+/-0.030	26.00	/			
40.87	+/-0.030	40.87	/			
45.00	+/-0.030	45.00	/			
48.00	+/-0.030	48.00	/			
55.13	+/-0.030	55.13	/			
58.38	+/-0.030	58.38	/			
61.25	+/-0.030	61.25	/			
61.88	+/-0.030	61.88	/			
64.63	+/-0.030	64.63	/			
7.63	+/-0.030	7.63	/			
11.00	+/-0.030	11.00	/			
22.50	+/-0.030	22.50	/			
35.13	+/-0.030	35.13	/			
36.50	+/-0.030	36.50	/			
40.00	+/-0.030	40.00	/			
41.88	+/-0.030	41.88	/			
43.63	+/-0.030	43.63	/			
6.75	+/-0.030	6.75	/			

DART AEROSPACE LTD		Work Order: 140805
Description: Cabin Floor Protector		Part Number: D3574-5
Inspection Dwg: D3574 Rev: B		Page 2 of 2

FIRST ARTICLE INSPECTION CHECKLIST

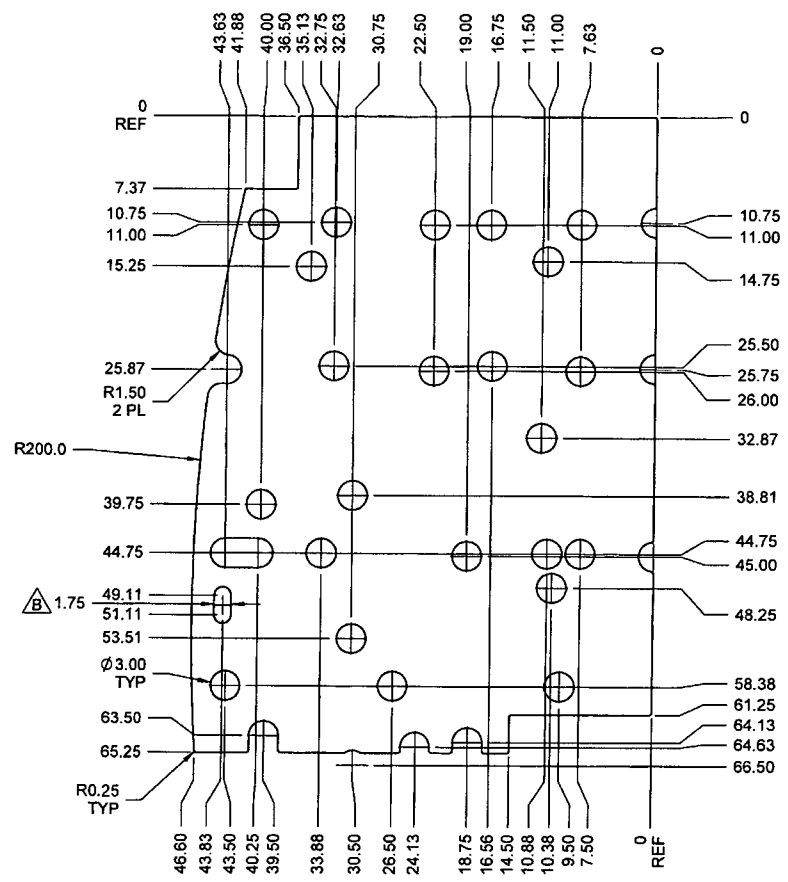
☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
9.50	+/-0.030	9.50	/		Vide-02	
10.38	+/-0.030	10.38	/		Tap	
14.50	+/-0.030	14.50	/			
16.75	+/-0.030	16.75	/			
19.00	+/-0.030	19.00	/			
24.13	+/-0.030	24.13	/			
33.88	+/-0.030	33.88	/			
39.50	+/-0.030	39.50	/			
40.25	+/-0.030	40.25	/			
43.50	+/-0.030	43.50	/			
43.83	+/-0.030	43.83	/			
46.60	+/-0.030	46.60	/			
0.125	+/-0.010	0.125	/			

DAS

Measured by: DL	Audited by: 38 9-89	Prototype Approval:	N/A
Date: 16/01/11	Date: JAN 11 2016	Date:	N/A

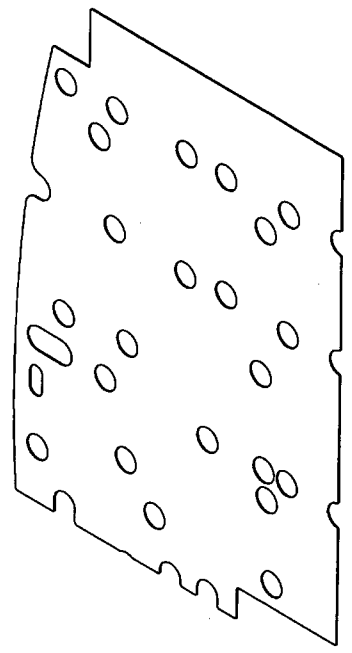
Rev	Date	Change	Revised by	Approved
A	08.01.16	New Issue	KJ/DD	
B	08.07.31	1.13 dimension removed	KJ/DD	
C	09.05.15	Dimensions updated per Dwg Rev B	KJ	



D3574-1 CABIN FLOOR PROTECTOR

NOTES:

- 1) MATERIAL: F60029 GREY LEXAN SHEET (HEAVY HAIRCELL TEXTURE), 0.125 THICK, TEXTURED SIDE UP, (REF DART SPEC MLEXS.125-F60029-04)
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3574-1" AND B/N USING FINE POINT PERMANENT INK MARKER ON SMOOTH SIDE OF PART
- 7) WEIGHT: 14.30 lbs
- 8) CHECK PER TEMPLATE DT8961



0.125
REF

RELEASED
01/04/07

20160107

54 140504

B	ADD CUT-OUT TO -1/-5 FOR WEIGHT AND BALANCE DATA PLATE ZN B7-1, B8-5; -2 NOW SHOWN ON SHEET 2	09.03.25
A	NEW ISSUE	07.06.08
REV.	DESCRIPTION	BY DATE
DESIGN		
DRAWN		
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		
DATE	09.03.25	
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D3574 CABIN FLOOR PROTECTOR COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		
		REV. B SHEET 1 OF 6 SCALE NTS

